

Review of revised version of Friberg et al.

The revised version of the manuscript of Friberg et al., 2023 can almost be published as is.

It is visible that the authors put a lot of effort in the revision process of the manuscript. All concerns and questions were thoroughly addressed.

The authors convincingly argued about their two independent methods to retrieve the short decay time of 10 days and that this finding is not in contradiction with existing literature.

Thanks for improving the literature, introduction, and figures. Now all of the figures are better readable. The font size of latitude and longitude in Figs. 1 and 2 could, however, still be improved.

The used values of 61 sr and 49 sr for the Australian wildfire smoke appear too small for me. It is okay that you use the recommended values in Martinsson et al., 2022, but maybe you could refer to the fact that also other lidar ratios are used in literature for the same smoke plume.